Annual Index

Subject Index

Controls

Berkeley-Honeywell Study Projects $800 Million in Savings ..... *Aug* 20

Exploring Electric Shock Hazards .. *Jul* 21
Historic Sites Pose a Challenge for Lighting Designers ..... *May* 72
Lighting and the Law ..... *Jun* 24
Lighting Cost Analysis ..... *Jun* 14
Problems in Visibility ..... *Dec* 19
Remaking History: Restoration and Replication ..... *May* 4
Role of the Computer in Lighting Design, The ..... *Jun* 10
Should We Design by Illumination, Luminance, or Adaptation Level? .. *Sep* 8
Spaciousness ..... *Sep* 18
Theatrical Techniques in Architectural Lighting ..... *Oct* 4
Theatrical Techniques in Architectural Lighting ..... *Dec* 6
Use of Computers by Lighting Designers, The ..... *Jun* 2
Using CADD in a Small College Theater Program ..... *Jun* 22
What Impact Will the 1990 *National Electrical Code* Have on the Lighting Industry? ..... *Dec* 16

Entertainment

Bringing Resolution to a New Year . *Dec* 3
Fireworks: Living Light ..... *Jan* 6
IllumiNations Says Goodnight ..... *Jan* 8
John Jay College Theater Contains Versatility ..... *Oct* 6
Lighting *The Abyss* ..... *Oct* 8
Spectacular! ..... *Dec* 4
User Procures a Performance Lighting System ..... *Oct* 19

Equipment

Lighting Equipment & Accessories Directory ..... *Feb* 9

Hotel and Restaurant

New Hotel Graces Mexico City .... *Mar* 4

1989 IESNA Individual Awards .... *Sep* 24
Aviation Committee to Meet ..... *Sep* 36
Board Names William Hanley Executive Vice President ..... *Feb* 71
Board of Nomination Seeks Candidates ..... *Jun* 25
Buckeye Section Holds Design Competition For Student Chapter . *May* 11
Call for Kelly Grant Entries Announced ..... *Feb* 72
Call For Papers ..... *Dec* 39
Call for Papers Issued by Lighting 90 ..... *May* 12
Call for Photos of Sports Lighting .. *Jan* 34
Cancun Bi-Regional Conference Labelled "Successful" ..... *Sep* 35
Charles Gibson 1906–89 ..... *Apr* 38
Chicago Section Holds Program at Merchandise Mart ..... *Dec* 40
Comment on the IES Election Ballot, A ..... *Apr* 37
Correctional Facilities Committee List Completed ..... *May* 12
Daniel J. O'Neill, 85, Deceased ..... *Dec* 39
Florida Section Sponsors Award Program ..... *Jul* 27
Foley Receives Mabes Award ..... *Feb* 71
Glimmer of Hope!, A ..... *Nov* 39
Golden Gate Section Announces Course and Workshop Schedule .. *Nov* 39
Heller Addresses Conference ..... *Oct* 39
IES Annual Conference Preview .... *Mar* 8
IES Annual Conference Registration Preview ..... *Apr* 10
IES Annual Conference Registration Preview ..... *May* 17
IES Committee Seeks Members .... *Feb* 72
IES Preps Seminars and Workshops for Conference ..... *Mar* 29
IESNA and IALD Announce LIGHTFAIR ..... *Aug* 27
IESNA Attends Lux Pacifica ..... *Sep* 36
IESNA Guest Commentary ..... *Dec* 39
IESNA Members Invited to First Soviet Technical Exchange ..... *Jun* 25
IESNA-500 Exceeds Expectations ... *Jan* 33

IIDA Chair Speaks Out ..... *Nov* 40
IIDA Winners Announced ..... *Aug* 27
Isaac Goodbar Mourned ..... *Jul* 28
John F. Hennessy, Jr. of Syska & Hennessy Dies ..... *May* 11
KSU Students Host Regional Conference ..... *Sep* 36
Lee E. Tayler, Past President, Deceased ..... *Feb* 71
Library Committee Seeks Members . *Dec* 39
Lighting Education Fund is Established in Memory of James L. Nuckolls ..... *Jan* 33
Lighting Research Center Announces Lectures ..... *Jan* 34
Lighting Seminars and Workshops at IESNA Annual Conference .... *Feb* 72
Midwest Region Announces Student Competition Results ..... *Sep* 35
Midwest Regional Conference Program Announced ..... *Apr* 37
More Seminars Added to IESNA Conference Schedule ..... *May* 12
New England Section Announces Meetings ..... *Dec* 40
Northeastern Michigan Meeting Dates ..... *Jan* 38
Past President Joseph B. Browder Deceased ..... *Jun* 25
Point-Counterpoint ..... *Aug* 27
Policy On Corporate-Sponsored Events Approved by IESNA Board . *May* 11
Preliminary IES Conference Schedule ..... *Apr* 38
Register Now for the IES Bi-Regional Conference in Cancun ..... *Jan* 33
Register now for Tri Light Sensations ..... *Apr* 37
Schedule of 1989 Regional Conferences ..... *Mar* 30
Section Officers Hold Meeting at Conference ..... *Jul* 27
South Pacific/Pacific Northwest Bi-Regional Program Released ..... *Mar* 29
Southeast Michigan Section Announces Meetings ..... *Dec* 40
Student Chapter Contributes to LREF ..... *Dec* 40
Students Receive Section Scholarships ..... *Dec* 39
St. Louis Section Announces Meetings ..... *Dec* 40
Top Recruiters Recognized at Conference ..... *Oct* 39
Tri-Section Meeting a Success ..... *Jun* 26
William Elenbaas Dead at 82 ..... *Jun* 26
William Tao: MSPE 1989 Engineer Of the Year ..... *Sep* 36
Winners Announced ..... *Dec* 39

IIDA

1989 International Illumination Design Awards ..... *Oct* 41
DP&L Stands Tall ..... *Aug* 43
Final Word on the Statue of Liberty, The ..... *Apr* 8
Flight's Delayed? At O'Hare that's OK!, The ..... *Sep* 4
Lighting is the Message Here ..... *May* 82
Lotus that Blooms in the Night, The *Jun* 44
New Luminaires Dramatize a Landmark *Mar*44
Pope Sees Parish's New Lighting .... *Feb* 4
SOHIO Remains True to Cleveland . *Jul* 43
Who Are These Guys, Anyway? .... *Jan* 44

1988 Design Awards Announced by IALD ..... *Jan* 36
AHLI is Now ALA ..... *Jun* 28

Annual Index

Subject Index

Controls

Berkeley-Honeywell Study Projects $800 Million in Savings ..... *Aug* 20

Exploring Electric Shock Hazards .. *Jul* 21
Historic Sites Pose a Challenge for Lighting Designers ..... *May* 72
Lighting and the Law ..... *Jun* 24
Lighting Cost Analysis ..... *Jun* 14
Problems in Visibility ..... *Dec* 19
Remaking History: Restoration and Replication ..... *May* 4
Role of the Computer in Lighting Design, The ..... *Jun* 10
Should We Design by Illumination, Luminance, or Adaptation Level? .. *Sep* 8
Spaciousness ..... *Sep* 18
Theatrical Techniques in Architectural Lighting ..... *Oct* 4
Theatrical Techniques in Architectural Lighting ..... *Dec* 6
Use of Computers by Lighting Designers, The ..... *Jun* 2
Using CADD in a Small College Theater Program ..... *Jun* 22
What Impact Will the 1990 *National Electrical Code* Have on the Lighting Industry? ..... *Dec* 16

Entertainment

Bringing Resolution to a New Year . *Dec* 3
Fireworks: Living Light ..... *Jan* 6
IllumiNations Says Goodnight ..... *Jan* 8
John Jay College Theater Contains Versatility ..... *Oct* 6
Lighting *The Abyss* ..... *Oct* 8
Spectacular! ..... *Dec* 4
User Procures a Performance Lighting System ..... *Oct* 19

Equipment

Lighting Equipment & Accessories Directory ..... *Feb* 9

Hotel and Restaurant

New Hotel Graces Mexico City .... *Mar* 4

1989 IESNA Individual Awards .... *Sep* 24
Aviation Committee to Meet ..... *Sep* 36
Board Names William Hanley Executive Vice President ..... *Feb* 71
Board of Nomination Seeks Candidates ..... *Jun* 25
Buckeye Section Holds Design Competition For Student Chapter . *May* 11
Call for Kelly Grant Entries Announced ..... *Feb* 72
Call For Papers ..... *Dec* 39
Call for Papers Issued by Lighting 90 ..... *May* 12
Call for Photos of Sports Lighting .. *Jan* 34
Cancun Bi-Regional Conference Labelled "Successful" ..... *Sep* 35
Charles Gibson 1906–89 ..... *Apr* 38
Chicago Section Holds Program at Merchandise Mart ..... *Dec* 40
Comment on the IES Election Ballot, A ..... *Apr* 37
Correctional Facilities Committee List Completed ..... *May* 12
Daniel J. O'Neill, 85, Deceased ..... *Dec* 39
Florida Section Sponsors Award Program ..... *Jul* 27
Foley Receives Mabes Award ..... *Feb* 71
Glimmer of Hope!, A ..... *Nov* 39
Golden Gate Section Announces Course and Workshop Schedule .. *Nov* 39
Heller Addresses Conference ..... *Oct* 39
IES Annual Conference Preview .... *Mar* 8
IES Annual Conference Registration Preview ..... *Apr* 10
IES Annual Conference Registration Preview ..... *May* 17
IES Committee Seeks Members .... *Feb* 72
IES Preps Seminars and Workshops for Conference ..... *Mar* 29
IESNA and IALD Announce LIGHTFAIR ..... *Aug* 27
IESNA Attends Lux Pacifica ..... *Sep* 36
IESNA Guest Commentary ..... *Dec* 39
IESNA Members Invited to First Soviet Technical Exchange ..... *Jun* 25
IESNA-500 Exceeds Expectations ... *Jan* 33

IIDA Chair Speaks Out ..... *Nov* 40
IIDA Winners Announced ..... *Aug* 27
Isaac Goodbar Mourned ..... *Jul* 28
John F. Hennessy, Jr. of Syska & Hennessy Dies ..... *May* 11
KSU Students Host Regional Conference ..... *Sep* 36
Lee E. Tayler, Past President, Deceased ..... *Feb* 71
Library Committee Seeks Members . *Dec* 39
Lighting Education Fund is Established in Memory of James L. Nuckolls ..... *Jan* 33
Lighting Research Center Announces Lectures ..... *Jan* 34
Lighting Seminars and Workshops at IESNA Annual Conference .... *Feb* 72
Midwest Region Announces Student Competition Results ..... *Sep* 35
Midwest Regional Conference Program Announced ..... *Apr* 37
More Seminars Added to IESNA Conference Schedule ..... *May* 12
New England Section Announces Meetings ..... *Dec* 40
Northeastern Michigan Meeting Dates ..... *Jan* 38
Past President Joseph B. Browder Deceased ..... *Jun* 25
Point-Counterpoint ..... *Aug* 27
Policy On Corporate-Sponsored Events Approved by IESNA Board . *May* 11
Preliminary IES Conference Schedule ..... *Apr* 38
Register Now for the IES Bi-Regional Conference in Cancun ..... *Jan* 33
Register now for Tri Light Sensations ..... *Apr* 37
Schedule of 1989 Regional Conferences ..... *Mar* 30
Section Officers Hold Meeting at Conference ..... *Jul* 27
South Pacific/Pacific Northwest Bi-Regional Program Released ..... *Mar* 29
Southeast Michigan Section Announces Meetings ..... *Dec* 40
Student Chapter Contributes to LREF ..... *Dec* 40
Students Receive Section Scholarships ..... *Dec* 39
St. Louis Section Announces Meetings ..... *Dec* 40
Top Recruiters Recognized at Conference ..... *Oct* 39
Tri-Section Meeting a Success ..... *Jun* 26
William Elenbaas Dead at 82 ..... *Jun* 26
William Tao: MSPE 1989 Engineer Of the Year ..... *Sep* 36
Winners Announced ..... *Dec* 39

IIDA

1989 International Illumination Design Awards ..... *Oct* 41
DP&L Stands Tall ..... *Aug* 43
Final Word on the Statue of Liberty, The ..... *Apr* 8
Flight's Delayed? At O'Hare that's OK!, The ..... *Sep* 4
Lighting is the Message Here ..... *May* 82
Lotus that Blooms in the Night, The *Jun* 44
New Luminaires Dramatize a Landmark *Mar*44
Pope Sees Parish's New Lighting .... *Feb* 4
SOHIO Remains True to Cleveland . *Jul* 43
Who Are These Guys, Anyway? .... *Jan* 44

1988 Design Awards Announced by IALD ..... *Jan* 36
AHLI is Now ALA ..... *Jun* 28

Volume 19,1989

ANSI Findings and Conclusions on ASHRAE Complaint Announced.. *Jan* 36
ASID Opens Placement Service.... *Jul* 37
GE Reopens Lighting Institute..... *Jul* 30
Government Contracts Go to LSI... *Aug* 36
GTE to Close Pennsylvania Plant... *Jun* 28
HOK Opens Office in UK..... *Jan* 37
Kollmorgen Donates Color Equipment..... *Jul* 37
Lighting Sales to be Influenced by Two Factors..... *Jan* 37
Lighting World Chicago and Los Angeles Announced for 1990.... *Jul* 30
Lithonia Acquires Trakker Corp.... *Jun* 28
Manville Sells Holophane..... *Sep* 37
New Joint Development Effort..... *Jul* 37
New Joint Venture Established..... *Jan* 36
New Mexico Restricts Use of Interior Designer Title..... *Sep* 37
Niagara Mohawk Supports Research *Aug* 36
NSF Allots $12 million for Minority Centers..... *Jun* 28
Representative Organization Formed *Jan* 36
Steelcase Opens Resource Center... *Jan* 37
Technical Literature Not Utilized... *Aug* 36
Zumtobel Opens American Plant... *Aug* 36
Nuckolls Fund Announces First Grant..... *Sep* 37

Institutional

Designer Humanizes House of God..... *Aug* 3
Designer Weighs Creative Lighting and Maintenance..... *Aug* 7
Electronic Ballasts Save Energy At Masonic Home..... *Apr* 42
High-Frequency Lighting System with Direct Current Distribution, A *May*26
Medical Center's Lighting Tailored for Chronic Patients..... *Aug* 11

Merchandise

Can an Innovative Showroom Design Provide the Key to Increased Sales?..... *Sep* 45
Safe, Effective Metal Halides Promote Spectacles..... *Sep* 6

Museum

Art Museums..... *Jan* 10
Glass House for Museum's Treasures *Jan* 2

Outdoor

Celebration!..... *Dec* 42
Historic Bridge's Lighting To Be Restored..... *Apr*
New Light Shines on Washington, A *Apr* 5
Not in My Window!..... *Jul* 8
Oh God, It's a George Burns Christmas..... *Dec* 12
Projections of Art..... *Jul* 6
Refurbishing an Aging Highway Lighting System..... *Jul* 2
Instant Light for Metal Halide Lamps..... *Mar* 15
PAR Lamps Using Compact Filaments..... *Aug* 15
Performance Variation in Incandescent Reflector Lamps.... *Sep* 40
Optical and Energy Efficiency of Signal Lights..... *Jan* 16
1989 IESNA Progress Report, The.. *Nov* 2
Seeing the Light at Lighting World International..... *May* 48

Author Index

Bassman, Bruce—Fireworks: Living Light..... *Jan* 6
Belcher, M. Clay—Lighting Cost Analysis..... *Jun* 14
Benson, Robert L.—John Jay College Theater Contains Versatility..... *Oct* 6
Benson, Tim; Gagnon, Peter; and Johnson, Pierce—PAR Lamps Using Compact Filaments..... *Aug* 15
Burgner, Lois I.—Lighting *The Abyss* *Oct* 8
Burgner, Lois I.—Lotus that Blooms in the Night, The..... *Jun* 44
Burgner, Lois I.—Spectacular!..... *Dec* 4
Cahana, Michael Z.—Use of Computers by Lighting Designers, The..... *Jun* 2
Chasse, Robert—Role of the Computer in Lighting Design, The *Jun* 10
Clegg, John C. and Davis, Ariel R.—High-Frequency Lighting System with Direct Current Distribution, A..... *May* 26
Craig, Clyde H.—What Impact Will the 1990 *National Electrical Code* Have on the Lighting Industry?... *Dec* 16
Davenport, J.M. and Hansler, R.L.—Instant Light for Metal Halide Lamps..... *Mar* 15
Erhardt, Louis—Should We Design by Illumination, Luminance, or Adaptation Level?..... *Sep* 8
Hanley, William—Comment on the IES Election Ballot, A..... *Apr* 37
Haupt, John R.—IllumiNations Says Goodnight..... *Jan* 8
Hebert, Paulette—Oh God, It's a George Burns Christmas..... *Dec* 12
Heslin, Kevin—Flight's Delayed? At O'Hare that's OK!, The..... *Sep* 4
Heslin, Kevin—New Light Shines on Washington, A..... *Apr* 5
Heslin, Kevin—Pope Sees Parish's New Lighting..... *Feb* 4
Heslin, Kevin—SOHIO Remains True to Cleveland..... *Jul* 43
Heslin, Kevin—Who Are These Guys, Anyway?..... *Jan* 44
Kay, Gregory—Lighting is the Message Here..... *May* 82
Kruger, Mark—Theatrical Techniques in Architectural Lighting..... *Oct* 4
Kruger, Mark—Theatrical Techniques in Architectural Lighting..... *Dec* 6
Lewin, Ian and Heinisch, Richard V.—Optical and Energy Efficiency of Signal Lights..... *Jan* 16
Lewis, Ronald P.—Not in My Window!..... *Jul* 8
Lopez-Caleiras, J.M. Casal—Art Museums..... *Jan* 10
McCullough, V.A. and Ketvirtis, A.—Refurbishing an Aging Highway Lighting System..... *Jul* 2
Miller, Naomi Johnson—Designer Weighs Creative Lighting and Maintenance..... *Aug* 7
Rambusch, Viggo Bech—Remaking History: Restoration and Replication..... *May* 4
Rottenbach, Jane—Glass House for Museum's Treasures..... *Jan* 2
Rottenbach, Jane—New Luminaires Dramatize a Landmark..... *Mar* 44
Rubinstein, Francis M. and Murphy, E.L.—Berkeley-Honeywell Study Projects $800 Million in Savings.. *Aug* 20
Schwendinger, Leni—Projections of Art..... *Jul* 6
Size, Dennis—Bringing Resolution to a New Year..... *Dec* 3
Smith, Fran Kellogg—Spaciousness.. *Sep* 18
Squillace, Stephen S.—Exploring Electric Shock Hazards..... *Jul* 21
Squillace, Stephen S.—Lighting and the Law..... *Jun* 24
Squillace, Stephen S.—Problems in Visibility..... *Dec* 19
Standley, Jo—Medical Center's Lighting Tailored for Chronic Patients..... *Aug* 11
Wallace William J.—Using CADD in a Small College Theater Program. *Jun* 22
Whitehead, Randall—Designer Humanizes House of God..... *Aug* 3
Yahraus, Theodor G.—Performance Variation in Incandescent Reflector Lamps..... *Sep* 40